

**Office of the Associate Administrator for
Commercial Space Transportation**

Insurance Determinations Requirements

**As of
May 20, 1997**

Orbital Launches

Launch Specific Applications

Vehicle Company	Year	Launch Range	U.S. Government Property (\$M)	Third Party (\$M)
Conestoga EER Systems	1994	WFF	\$73.5	\$13
Conestoga EER Systems	1995	WFF	\$88	\$13
Delta 7920-10 McDonnell Douglas	1993	WR	\$48.8	\$41
LMLV-1 Lockheed Martin	1995	WR	\$27.1	\$40
Pegasus Orbital Sciences	1990	WR	\$20	\$12
Pegasus Orbital Sciences	1992	ER	\$15	\$15
Pegasus XL Orbital Sciences	1997	Spain	Zero	\$48
Scout LTV	1990	WFF	\$21.6	\$10
Scout LTV	1990	WR	\$1.6	\$10
Titan Lockheed Martin	1989	ER	\$80	\$215

Launch Operator Applications

Atlas	1989	ER	Site Ops: \$60	Site Ops: \$30
Lockheed Martin			Launch: \$75	Launch: \$164
Delta	1989	ER	Site Ops: \$60	Site Ops: \$30
McDonnell Douglas			Launch: \$80	Launch: \$164
Delta II	1996	WR	Site Ops: \$42	Site Ops: \$10
McDonnell Douglas			Launch: \$48.8	Launch: \$40
Pegasus	1994	WR	Site Ops: \$3	Site Ops: \$10
Orbital Sciences			Launch: \$1	Launch: \$28
LMLV-1	1995	WR	Site Ops: \$9.88	Site Ops: \$10
Lockheed Martin			Launch: \$27.1	Launch: \$40
Taurus	1996	WR	Site Ops: \$27.2	Site Ops: \$10
Orbital Sciences			Launch: \$2.3	Launch: \$40

Sub-Orbital Launches

Launch Specific Applications

Vehicle Company	Year	Launch Range	U.S. Government Property (\$M)	Third Party (\$M)
Black Brant IX Conatec	1988	WSMR	\$1	\$10
Prospector Orbital Sciences	1990	ER	\$1	\$12.5
SMLV AMROC	1989	WR	\$1	\$12
Starfire SSI	1989	WSMR	\$1	\$10
Starfire EER Systems	1992	WSMR	\$2.5	\$10
Starfire Black Brant Class EER Systems	1994	WSMR	\$3	\$10
Talos Castor I Orbital Sciences	1991	KTF	\$0.3	\$10

Launch Operator Application

Aries			Site Ops: \$1	Site Ops: \$10
Orbital Sciences	1991	WSMR	Launch: \$1	Launch: \$10

Acronyms

AMROC - American Rocket Corporation

ER - Eastern Range, Cape Canaveral Air Station, Florida

KTF - Kauai Test Facility, Hawaii

LMLV - Lockheed Martin Launch Vehicle

LTV - Ling Temco Vought

SMLV - Single Module Launch Vehicle

SSI - Space Services, Incorporated

WFF - Wallops Flight Facility, Virginia

WR - Western Range, Vandenberg Air Force Base, California

WSMR - White Sands Missile Range, New Mexico